## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**Applicants** 

BRAND, et al.

U.S. Serial No.

To be assigned

Filing Date

Herewith

Title of Invention

USE OF ANTIOXIDANTS IN RADIATION-CURABLE

COATING COMPOSITIONS FOR PRODUCING

ABHESIVE COATINGS

745 Fifth Avenue New York, NY 10151

July 16, 2003

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## INFORMATION DISCLOSURE STATEMENT

Mail Stop Patent Application P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Enclosed are copies of the following references for this application:

- 1. German Patent No. 27 47 233 dated September 19, 1980;
- 2. German Patent No. 29 48 708 C2 dated June 28, 1984;
- 3. German Patent No. 38 20 294 C1 dated October 5, 1989;
- 4. German Patent No. 38 10 140 C1 dated October 5, 1989;

- 5. European Patent No. 1 072 326 A2 dated January 31, 2001;
- 6. U.S. Patent No. 3,699,022 dated October 17, 1972;
- 7. U.S. Patent No. 6,211,322 B1 dated April 3, 2001;
- 8. Charles R. Morgan, "Dual UV/Thermally Curable Plastisols", Journal of Radiation Curing, pp. 8-11, October 1983;
- 9. B. Xiao, et al., "Studies on curing effect of phosphite monomer by EB radiation in the air", Radiation and Physics and Chemistry, pp. 421-424, 2000;
- U. Müller, "New Insights in the Influence of Oxygen on the Photocrosslinking of Silicone Acrylates", Organosilicon Chem. IV, 4<sup>th</sup> (2000), Meeting Date 1998, pp. 663-666;
- 11. J.P. Fouassier, "Polymerization Photoinitiators: Excited States Processes and Kinetic Aspects", Progress in Organic Coatings, Vol. 18, pp. 229-252, 1990; and
- 12. K.K. Dietliker, "Oxygen Inhibition", Chemistry & Technology of UV & E Formulation and Coatings, Inks & Paints, Volume 3, Sita Technology, Ltd., UK, pp. 83-86.

## **REMARKS**

Entry of this Information Disclosure Statement and an early examination on the merits are respectfully solicited.

Please charge any additional fees to Deposit Account No. 50-0320.

Respectfully submitted,

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Based on Form I	PTO-1449		<del> </del>		ATTY. DOCKET NO.		SERIAL NO.			
(3/90)					512425-2091		To be assigned			
LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)					APPLICANT					
					HELL al.					
					FILING DATE GROUP					
					Herewith					
U.S. PATENT DOCUMENTS										
EXAMINER INITIAL	i	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
	AA	3,699,022	10/17/72	Behrens, et al.						
<del></del>	AB	6,211,322 B1	1,322 B1, 04/03/01		er et al.					
FOREIGN PATENT DOCUMENTS										
		DOCUMENT NUMBER DATE			COUNTRY	CLASS	SUBCLASS	TRANS	SLATION	
	AB	DE 27 47 233	09/18/80	) G	ermany			YES	NO	
,	AC	DE 29 48 708 C2 L	E 29 48 708 C2 $\cup$ 06/28/84		Germany					
	AD	DE 38 20 294 C1 / 10/05/89		) G	iermany					
	ĄE	DE 38 10 140 C1 ~	DE 38 10 140 C1 / 10/05/89		ermany					
	AF	EP 1 072 326 A2 <sup>U</sup>	P 1 072 326 A2 01/1/01		urope					
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)										
	AC		Charles R. Morgan, "Dual UV/Thermally Curable Plastisols", Journal of Radiation Curing, pp. 8-11, October 1983							
	AD		B. Xiao, et al., "Studies on curing effect of phosphite monomer by EB radiation in the air", Radiation and Physics and Chemistry, pp. 421-424, 2000							
	AE		U. Müller, "New Insights in the Influence of Oxygen on the Photocrosslinking of Silicone Acrylates", Organosilicon Chem. IV, 4 <sup>th</sup> (2000), Meeting Date 1998, pp. 663-666							
	AF	, ,	J.P. Fouassier, "Polymerization Photoinitiators: Excited States Processes and Kinetic Aspects", Progress in Organic Coatings, Vol. 18, pp. 229-252, 1990							
	AG		K.K. Dietliker, "Oxygen Inhibition", Chemistry & Technology of UV & E Formulation and Coatings, Inks & Paints, Volume 3, Sita Technology, Ltd., UK, pp. 83-86.							
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